

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/511,718

Filing Date: July 28, 2006

Applicant: Jun Liu

Group Art Unit: 1645

Examiner: Rodney P. Swartz

Title: TUBERCULOSIS VACCINES INCLUDING  
RECOMBINANT BCG STRAINS EXPRESSING  
ALANINE DEHYDROGENASE, SERINE  
DEHYDRATASE AND/OR GLUTAMINE SYNTHETASE

Attorney Docket: 9896-000053/NP

---

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action mailed April 4, 2008, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 6 of this paper.

**Remarks** begin on page 12 of this paper.